# NEW AND CURIOUS INFORMATION.

A Big Hunting Season Anticipated-

prosper ty has anything to do with the eral jubilation among sportsmen that the n sent gunning season promises to be one of the best in many years. From every section of the country comes private section of the country comes private state authorities of Minnesota have allowed five days of open mouse and carbon shooting. Nearer home, woodcock and partridge are reported plentiful, the conditions of the spring and sumer housing been favorable to their northward migration. Along the coast desirable game bird, but his rearing requires care and constant with in setting been favorable to their housing been favorable to their northward migration. Along the coast desirable game bird, but his rearing requires care and constant with in the matter of food.

QUAIL BY CRATELOADS.

QU

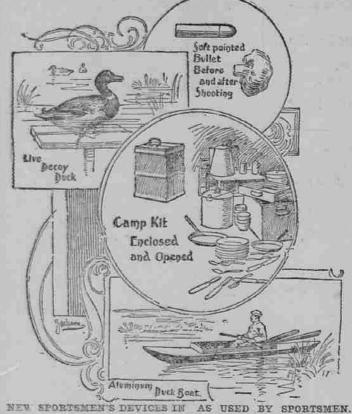
MOVELTIES FOR SPORTSMEN.

admerable law which allowe only two deer annually to each individual at New York cannot be too ingally commended. In New York, too, the pursuit of deer with dogs is promised, nor is the hunter allowed to make deer by means of nonling—i. e., by hunding chem at night in flux bears and with luntern lure. Sinh methods, if continued, could not fall to exterminate our deer, as the buffalo has been practically externituated.

A Big Hunting Season Anticipated—
New Rules and Methods to Preserve Game—Game Seasons to Be Changed—Sportsmen May Co-operate and Breed Game Birds.

"I don't know whether returning prosper'ty has anything to do with the case or not, but it is a maiter of general publication among approximent that the process of the best in many years. From the process of the best in many years. From the process of the best in many years. From the process of the best in many years. From the process of the best in many years. From the process of the best in many years requires care and conformally and big, are content of food.

Big Hunting Season Anticipated—buffeld in the breeding and presentation of the Church of Zion Clearly Outlined. For merity our sportinge, quality woodcock and the different source of partiring and importing the return of the country are experimenting and importance of the best in many years. From the process of the best in many years from the country comes reports that game, small and big, are



Grande as a crack wing shot and enthusiantic all around gunner. Dr. Knowlfon has hear returned from a prelimitary chingalgo among the woodcock in Sussex county. New Jersey.

His house in New York is filled with trophics of the chase, and looks like a small arrenal so crowded is it with all sorts of firearms. Dr. Knowlfon is a great believer in the theory that American sport is steadily improving. Leaving the subject of plentiful game to discuss the topic of America's growing reatness as a game country and the new things of interest to sportsmen this year, he said:

"Despite any statement to the contrary, the American hunter of today is a better sportsman and better shot than his predecessors of former generations. In fact, cash recurring senson greatly benefits the conditions sury rounding anxieur game shooting. Surveyor the first that his predecessors of former generations. In fact, cash recurring senson greatly benefits the conditions sury rounding anxieur game shooting.

greatly benefits the conditions sur, the line, England still beats us with the rounding annateur game shooting. A revolution as gradual as it is sweep-ting has been taking place during the past few years in the general art of tenery, and in particular in that part of it connected with the fowling place and rifle. Our game laws are better than ever, and each year sees some how restriction against indiscriminate shooting, or some new legislation for the preservation of old or the importance. Black powder is all but obso-

Grande as a crack wing shot and en- the water's surface, and an ingenious



EFFECT OF SMOKELESS POWDER AS USED THIS SEASON.

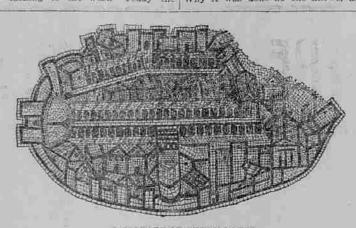
tation of new species. Our sportsmen are better because they cheerfully and for the common good struct to these taws. Our guns and carridges are unquestionably better. Let us take the game hive without which sport might as well be dead. Whe berisaiton has done wonders and, if the concerted movement row on foot among spurgative lack of danger is also a strong whitness in several states found come to anghi, much more will be accompilished. For instance, in New Jersey, just now there is a mrong agliation afoot to shift the opening of the wood-cock season from July 4 to Aug. 16.

SOME NEW GAME LAWS.

This has already been done in New York, with the result that the failing murphy of woodcock his begun to increase appreciably. Another projected refurn, strongly achaired, is the abolishment of suring suborling for ducks, grees, etc. A duck season from September is January such as to be satisfactory except. But is smoothed to the model in its favor. Black powder blows up with a bard, filter gunder is also a strong quiestly, and does it like damage in a fire. Nevertheless the velocity imparted by the model in the gunder to anythin the game cummissioners of like different states. That would serve to place the United States among the finest shooting countries in the world. Nature has endowed us with the most factory except. But as a rule the many of the model in the way."

Comit is the form of surface of the model in the same of the many the projected preferred to the mixed of the ment of surface projected preferred to the mixed of the model in the same in the world. Some the mixed within the game cummissioners of the projected preferred to the mixed of the model in the same in the model in the same i

MOSAIC MED OF JERUSALEM, to summer an extraction of the control of



A MOSAIC OF JERUSALEM.

The large building in the extreme speak to this new creat south, between the ancient wall and the later addition, can be nothing but the "Church of Zion" or "The Last Supper." But there is still another church in this section, and, judging by its location and proportions, it can be none other than the magnificent basilnone other than the magnificent basil-ica of St. Mary, the wonder of Jus-tinian's time. Returning to the gate and passing out through, we find the palace of Pontius Pilate, or the place-where it stood, for Mr. Lagrange does not think that "St. Mary's" is to be identified therewith, for it stands on a hill, while, according to the best authority, the house was in the val-ley.

SOLVES MANY VEXING QUES-

TIONS. TIONS.

This mesaic seems to solve the vexed question of the location of the ancient "praestorium," which is placed by this writer in the space between the two colonnades. This is apparently not a church, and there is a church northeast of St. Sepulchre.

It is remarkable that the general correspondence between this ancient Mozaic and the Jeruzalem of today is most marked, even though not exact, for many changes have taken place.

most marked, even though not exact, for many changes have taken place in that city during the last 1,500 years. The city is still divided by a long street running north and south, having St. Sepulchre on the west. A street is still to be found running toward the southeast, with a fork at the Austrian heast, with a fork at the Austrian heast, with a continuation, running south. to be found running foward the southeast, with a fork at the Austrian hospital, one continuation running south,
the other east. The arch "Ecce Homo"
was probably located at v, having been
an arch of triumph and not so massive
as the towers at the gates. The temple wait unfortunately does not appear?
In the mosaic. The surking correspondence of the division into three
quarters, the upper, the lower and
western; St. Sepulchre south of its
eastern gate and north of the western;
the western gate having its tower to
the south and being on a line with a
church now replaced by the mosque
Electqsa; the church of Zion on a line
with that of the Resurrection, but farther west; the column giving the modern name to the mortherly gate; all
seem to point to the care and exactness with which this moraic was made
and its great value as an alstoric monament setting more than one vexed
question.

C. H. L. pontacters of the division into three quarters, the upper, the lower and western; St. Sepulchre south of its eastern gate and north of the western; the western gate and north of the western; the western gate and north of the western; the south and being on a line with a church now replaced by the mosque great in the course of the south and being on a line with that of the Resurrection, but farther west; the column giving the modern name to the northerly gate; all seem to point to the care and exactness with which this morale was made and its great value as an historic monament a setting more than one vexed question.

OUR FRIEND THE OYSTER.

New and Curious Information About the Bivalve.

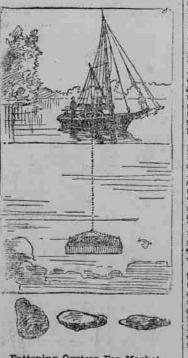
Had you been born an oyster you would assume their or darket. The "drinking" process is simply a matter of fattening, or to be more truthful, inflating.

When the oysters are "raised" (taken from the beds to the air) they are dumped aboard of the sloops and when a load is obtained the sloop salls for mouths of these streams are floats into which the oysters are sumped at foul de. As the tide clobs, and the fresh water from the stream gradually freshens the water in the floats, the oyster opens, He appears to be drinking, but instead is simply allowing the south as completed the oyster.

When this is completed the oyster ment's but the family doctor.

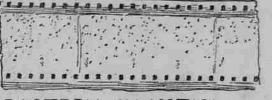
street which begins at the "Damascus for that reason it is still done. One or street which begins at the "Damascus gate" after having passed "St. Sepuichre" on the right, continues as far as the wait, parallel to the street from the "Joppa gate," and passes through the American quarter, both streets meeting opposite the Zion or Neby Daoud gate.

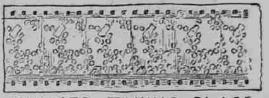
The large building in the extreme south, between the ancient wall and the later addition, can be nothing but this him their energy.



Fattening Oysters For Market.









from the shoals and planted in deep the water he is extremely busy.

DEADLY ENEMIES.

The drumfish mentioned above is one of the oyster's most deadly enemies. Drumfish are large and heavy-jawed. They travel in schools in a straight course, and once they strike an oyster bed, leave only a mass of crumbled shells in their wate. They pick up a mouthful, grind the shells, and go on. Their presence is made known to the oyster men by the color of the water, which assumes a residish hue as they pass through it. There is no way of anticipating or frustrating their attacks. Once they strike an oyster bed they set a path through it. As to the bed. Sometimes their course leads them straight over it. It so, there is nothing left but crumbled shells. Some times they only touch the corner of a bed of thouse and at other times a small school will go through the center. They never vary from a straight course, and as cohord covering hundred or square feet have been known to take but a few bushels of the corner of a bed of thouse sands of bushels. Oyster men offer no explantation for this peculiar stupidity, but are glad that they do not get into one complete such as the polyant of the straight over the study of the blood, and of action the corner, and at other times a small school will go through the center. They never vary from a straight course and a school covering hundred of square feet.

MOTIONS OF WHITE CELLS.

The presence the conventions. Become times they not go and house and the action of the water, and at other times a small school will go through the center. They never vary from a straight course and a school covering hundred of square feet have been known to take but a few bushels of the corner of a bed of thouse and continuous photographs of these according to the corner of a bed of thouse should be a school covering the model of the corner of a bed of thouse and the course of the corner of a bed of thouse and the corner of a bed of thouse and the corner of a bed of the corner of a bed of the corner of a bed of th

shave been known to take but a few bushels of the corner of a bed of thou sands of bushels. Oyster men offer no explanation for this peculiar stupidity, but are giad that they do not get into the habit of looking about them when they strike the corner.

PAUL ARMSTRONG.

THE PRESIDENT'S DESK.

The Wood in It Has Circumnavigated that have occasion to sit in the president's reception room waiting their turn for audience only knew it they might have the time seems less monotynous by contemplating the chief articles of furniture.

Many of these visitors are anxious to go to foreign parts. The massive desk which occupies the center of the room has traveled further than any of the candidates will. It has circumnavigated tis weathful of carving, the desk gives no indication of historical origin.

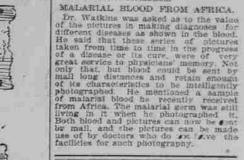
Schoolboys know that Sir John Franklin went to discover the North Pole and ever came back. The good slip Resolute diffted and drifted in the Arctic ocean currents, spared from destruction in some mysterious manner, the stravel of the waters of the adventurous American winders of the thinken up. From the complete the card of the waters of the adventurous American winders content of the good slip Resolute diffted and drifted in the secure and a handwith international complements. The wenty sears ago the old ship was boarded and claimed by those who found the thinken up. From the eventy and the properties of the student of the queen to be beautiful to the card of the student of the control of the gueen back. The shood ship Resolute drifted and drifted in the reached the waters of the adventition of the queen back and the student of the control of the card of the waters of the adventurous American winders to the control of the card of the waters of the adventurous american winders to the student of the control of the card of the waters of the student of the control of the card of the card of the waters of the adventurous amenican area and the student of the card of the card of the waters of the adventurous amenican area and the st

Progress.

INCENIOUS APPARATUS.

The apparatus and the method devised for photographing are very simple. A sclarine film 36 feet long is wound on a wheel of about 15 inches diameter. Geared to this wheel is a smaller wheel turned by a crank. This little machine is hooded by a box in which just opposite the revolving film add on a direct line with the lever of the microscope, is a small window. At the other end of the lens, lying in a horizontal piane, is concentrated a strong beam of light from an electric intern. The apparatus is capable of recording from 1500 to 200 figures a minute. In order to cated the rapid metion of the blood stream in the vein of a frog's foot, it had to be turned to its full capacity, and the frog's leg was bound with a cord to retard the mation. But the capacity of the apparatus may be increased by colaring the size of the wheel. The infractions of the lens in these protures are carried all the way from 10,000 to 15,000, the highest capacity of the microscopie. It requires a very ligh power lens to photograph, for fully one-fourn or more of the light is absorbed in the process, and an alreaduit of the heat from the powerful light the objects in the microscopie fluid are in danger of being silled. The heat is, however, not too great to impair the action of the hiosel except to dry the serum and hasten the clos formation.

Mallarial BLOOD FROM AFRICA. MALARIAL BLOOD FROM AFRICA



Call For Democratic City Convention and Primaries.

very plainly with the eye. But if one will study the series of plotters closely, the changes that are always taking place will be noticed.

INCENIOUS APPARATUS.

Following is the official call for the Democratic city and ward conventions and precinct primaries:

CITY CONVENTION OF DEMOCRATS. A convention of Democrats of Salt Lake City will be held in the Salt Lake theatre, Monday, Sept. 27, 1897, at 10 a. m., for the purpose of nominating the following offi-cers to be voted for at the municipal elec-

purpose of commenting the converge discess to be voted for at the minicipal election, Nov. I, 1837; and to elect a city central committee, and to income the control of the pull-sea of the convention.

Mayor, Hecorder,
Trescenter,
Justice of the Peace,
Attorney,
Auditoe
The convention will consist of 56 delegates to be elected at the predict primaries in accordance with the apportionment which appears below and divided among the municipal ward.

Second menicipal ward.

Sidelegates Third municipal ward.

Fourth municipal ward.

16 delegates Fifth municipal ward.

18 delegates Fifth municipal ward.

18 delegates Total.

380 delegates WARD CONVENTIONS.

WARD CONVENTIONS.

A convention of Democrate in each of the five municipal wards of Sait Lake Cay will be held Thursday evening. Sept. 21, at 5 o'clock, for the purpose of non-inacting three members of the city council for each municipal ward; and to elect ward commistees, and to include any other business which may properly come before the convention.

The ward convention.

The ward conventions are apportioned membership as follows:
First municipal ward.

Become municipal ward.

Be delegates Fourth municipal ward.

The delegates Fourth municipal ward.

The delegates Chairmen of the ward commistees are requested to arrange places of meeting for the ward conventions and to publish the announcement at the earliest personal to change date of ward conventions where such action becomes necessary for the conventions of electors, but are requested to see that conventions are held as near to above date as possible.

PRIDINCT PRIMARIES.

First precinct
Second precinct
Third precinct
Frinth precinct
Frith precinct
Strik precinct
Strik precinct
Strik precinct
Night precinct
Night precinct
Night precinct
Elsventh precinct
Elsventh precinct Total.
Second Municipal Ward—
Twelfish precinct.
Thirteenth precinct.
Fourteenth precinct.
Fifteenth precinct.
Sixteenth precinct.
Sixteenth precinct.
Sixteenth precinct.
Eighteenth precinct.
Lighteenth precinct. Twenty-files precis

Thirtish precinct..... Thirty-second precinct.

Total

Fourth Municipal WardThirty-seventh precinct.
Thirty-sighth precinct.
Thirty-much preciset.
Fortieth product.
Forty-first precinct.
Forty-second precinct.
Forty-third procinct.

Total
Fifth Municipal Wards
Forty-fourth precincs
Forty-fifth precinct
Forty-sixth precinct
Forty-sixth precinct
Forty-sixth precinct
Forty-sixth precinct
Forty-clinth precinct
Fifticth precinct

INTELLIGIENT MICROBES.

But in the sphere of bacteriology it will certainly open a new and wonderful world. The study of bacteria side from their connection with disease is of absorbing interest, for it has been shown from a number of reliable experiments made by such men as Klebs, Dusany and others that many of these vas: families of micro-organism are possessed of qualities akin to intelligence itself. They behave under certain circumstances very like creatures of much histor organization. Some of these bacteria under the influence of electricity, light, heat mechanical action and the templation of food or poison, manifest a sense of instability, greed, fear etc. that is surprising. Their actions under such conditions have never been photographed. In fact, living bacteria have never been obtoing and bacteriologists have long been accustomed to speak of bacteria as without motion, but this is incorrect as has lately been shown. Some families under stimulus mave with the swirtness of files and meaquitoes. The platines of the bacteria here reproduced is of one of the yery smallest families of bacteria known to selecte. The motion is not in evidence, and Dr. Watkins says it is due to its peculiarity, which is always perpendicular. He hopes to show this perpendicular. He hopes to show this perpendicular motion which may be seen Grand total desegutes in city convention.

The chairmen of the precinct committees are requested to arrange for places of meeting for the primaries and are authorized to obtaine the date of meeting where such action becomes necessary for the convexitence of the electors. At the carliest possible day the accountement of the time and place of meeting should be forwarded to The Sait Lake Hernid for publication.

possible day the seasons should be forwarded to The Sait Lake Heraid for publication.

The city central committee recommendate.

Pirst.—That in the election of delevation to the mitindipal ward conventions, those delegates receiving the highest vote to the city convention to the entry delegates to the city convention to the extent of the apportionment in each precinct.

Sectod.—That all qualified persons who east their vote last November for William 3. Bryan electors be entitled to arets and votes in the precipit man and on the displication, and be accorded all other privileges.

By order of the city Democratic central committee.

D. C. Delinitars.

D. C. DUNBAR. J. E. CAINEL Chairman. Secretary pro tem.